

"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041151

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CIA-RDP86-00513R000411510

COUNTRY : Yugoslavia H-18  
CATEGORY : Chemical Technology. Chemical Products and Their  
Applications--Pesticides  
AB3. JOUR. : RZKhim., No. 16 1959, No. 58248  
AUTHOR : Dulizibaric, T.  
INST. : Not given  
TITLE : Methods for the Determination of the Effective-  
ness of Insecticidal Preparations  
ORIG. PUB. : Zashchita Bila, No 43, 71-81 (1957)  
ABSTRACT : The effectiveness of insecticidal preparations  
in field tests is determined by counting the  
number of dead caterpillars and cocoons as well  
as by counting the caterpillar feces on the trees  
[sic]. Neosol-6 was found to be more effective  
than Hekarol [Hexarol?] N. L. [sic].  
A. Veryeshchagin

CARD: 1/1

DUL'KEIT, G.D.

"Investigation of water bodies of Siberia. Part 4: Development of the fishing industry of Western Siberia and problems of hydrobiology." Reviewed by G.D.Dul'keit. Zool.shur. 33 no.5:1189-1192

8-0 '54.

(MLRA 7:11)

(Siberia, Western--Fishes) (Fishes--Siberia, Western)

(Fresh-water biology)

*DUL'KEYT, G.D.*

~~ZAPKINA-DUL'KEYT, Yu.I.~~; DUL'KEYT, G.D.

zoobenthos in Kanga Bay (Lake Teletskoye) and its significance as  
fish food. Trudy Gidrobiol.ob-va 7:216-236 '56. (MLRA 10:2)

1. Gosudarstvennyy zapovednik "Stolby."  
(Teletskoye, Lake--Fresh-water fauna) (Fishes--Food)

DUL'KETT, O.D.

The hare *Lepus mantschuricus* Raddei in the Ussuri region  
[with English summary in insert]. Zool.shur. 35 no.6:916-  
921 Je '56.

(MLRA 9:10)

1. Gosudarstvennyy zapovednik "Stolby."  
(Ussuri region--Hares)

DOL'KETT, G.D.

Wintering of birds in the taiga of the northeastern Altai.  
Trudy Probl. i tem. sov. no.9:175-190 '60. (MIRA 13:9)

1. Gosudarstvennyy zapovednik "Stolby".  
(Altai Mountains—Birds)

DOL'REYT, G.D.

Effect of preservation on the migration and distribution of  
sarals. Odr. prir. Sib. i Dal'. Vest. no.1:193-195 '62.  
(MIRA 17:5)

IUL'KIN, G.

Siberian pine nuts in cable feeding. Irady Tom. obl. krasnod. miz.  
6 no.1:68-75 '82. (MIRA 17:11)

1. Gosudarstvenny zapovednik "Stolby".



DUL'KEYT, G.D.

Stocking with fish Lake Blandu-Kol' in the northeastern Altai.  
Trudy Gidrobiol. ob-va 13:267-273 '63. (MIRA 16:11)

1. Altayskiy gosudarstvennyy zapovednik, Krasnoyarsk.

BELYSHEV, B.F.; DUL'KEYT, G.D.

Odonatological fauna of the eastern Altai. Trudy Vost. -Sib. fil.  
AN SSSR no.40:81-97 '64. (VIRA 17:4)

SHAROV, Vladimir Semenovich; DUL'KIN, A.I., red.; BORUNOV, N.I.,  
tekhn. red.

[Superhigh frequency asynchronous motors] Sverkhvysoko-  
skorostnye asinkhronnye elektrodvigateli. Moskva, Gos-  
energoizdat, 1963. 287 p. (MIRA 16:7)  
(Electric motors, Induction)

IVANOV-SMOLENSKIY, Aleksey Vladimirovich, kand. tekhn. nauk, dotsent;  
DUL'KIN, Arkadiy Iosifovich, inzh.

Study of permeances and inductances of the windings of electrical  
machines and apparatus by modeling using electrically conductive  
paper. Izv. vys. ucheb. zav.; elektromekh. 6 no.10:1161-1171 '63.  
(MIRA 17:1)

1. Kafedra elektricheskikh mashin Moskovskogo energeticheskogo  
instituta.

IVANOV-SMOLENSKIY, A.V., kand.tekhn.nauk, dotsent; DUL'KIN, A.I., inzh.

Calculation of steady-state currents in the damper winding of a  
synchronous machine. Elektrichestvo no.3:72-78 Mr '64.  
(MIRA 17:4)

1. Moskovskiy energeticheskiy institut.

DUL'KIN, A.I., inzh.; IVANOV-SMOLENSKIY, A.V., kand. tekhn. nauk, dotsent

Calculation of currents in the damper winding of a synchronous generator taking into account changes in the self-inductance of its stages due to toothed sectors of the armature. Elektrichestvo no.12:38-43 D '64. (MIRA 18:12)

1. Moskovskiy energeticheskiy institut.

DUL'KIN, A.I., inzh.

Calculation of the currents in the damper winding of a synchronous generator in idle operation. Elektrotehnika 35 no.4:57-61 Ap '64.  
(MIRA 17:4)

DUL'KIN, A.I.

Magnetizing force of a "squirrel cage" with a nonuniform pitch.  
Elektrichestvo no.4:57-62 Ap '65. (MIRA 18:5)

1. Moskovskiy energeticheskiy institut.



DUL'KIN, A.I., insh.

Magnetic field of the damping winding of a synchronous salient-pole machine. Elektrotehnika 36 no.5:60-63 My '65.

(MIRA 18:5)

DUL'KIN, A.I., inzh.; IVANOV-SMOLENSKIY, A.V., kand.tekhn.nauk

Calculation of currents in the damping winding of a  
synchronous machine with consideration of serrated  
pulsations of the synchronous field. Elektrotehnika  
36 no.11:54-57 N '65. (MIRA 18:11)

KAMBALOV, Nikolay Aleksandrovich; DUL'KEYT, Tigray Georgiyevich;  
YEL'KOV, P., red.; ZHDANOVA, G., tekhn. red.

[Guidebook for the Altai; tourist routes] Putevoditel' po  
Altaiu; turistskie marshruty. Barnaul, Altaiskoe knizhnoe  
izd-vo, 1963. 293 p. (MIRA 17:1)

DUL'KIN, A. L.

Glistnyye zabolevaniya sel'skokhozyaystvennykh zhivotnykh  
(Helminthic Diseases of Farm Animals). Sverdlovsk. Sverdlgiz. 1950.  
36 pages with illustrations.

U-5235

DUL'KIN. AL

"Blood-sucking insects, ticks and the fight against them." Sverdlovsk. Sverdlsk.  
1952. 80 pages with illustrations.

SO: Veterinaryia, August 1952.

DUL'XIN, A. L.

USSR 600

Axolotls

Multiple amputation of limbs of the axolotl. Priroda 41 no. 3:116-117 Mr '52

9. Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

DUL'KIN, A. L.

"The Chemism of the Water and the Parasitic Fauna of Carassus Fish  
in the Lakes of the Trans-Urals Region."

Tenth Conference on Parasitological Problems and Diseases with Natural  
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of  
Sciences, USSR, Moscow-Leningrad, 1959.

Urals State University (Sverdlovsk)

DUBINSKI, A.I.

Poisonous effect of ammonium fertilizers, calcium cyanaride, and superphosphate on the lesser swamp snail and the larvae of Fasciola. Trudy Ural. otd. VOIP no.2:151-157 '59.

(MIRA 14:11)

1. Ural'skiy gosudarstvennyy universitet imeni A.M. Gor'kogo.  
(Fertilizers and manures)  
(Snails)  
(Liver fluke)



DUL'KIN, A. L.

Occurence of invading strongyle larvae and eggs in stables. Trudy  
Ural. otd. MOIP no. 2:159-162 '99. (MIRA 14:11)  
(Nematoda)  
(Parasites—Horses)

DUL'KIN, A.L.

Distribution, biology, and ecology of *Galba truncatula* Mill. in  
Sverdlovsk Province. Uch.zap.UrGU no.31:46-56 '59. (MIRA 14:5)  
(Sverdlovsk Province—Mollusks as carriers and disease)  
(Liver fluke)

DUL'KIN, A.L.

Observations on the motion of the mollusk *Galba truncatula*  
Muller in pastures. Zool.zhur. 38 no.7:1101-1102 J1 '59.  
(MIRA 12:10)

1. Ural State University (Sverdlovsk).  
(Mollusks) (Animal locomotion)

DUL'KIN, A.L.

Studying the penetration of chemical substances into the freshwater mollusk *Lymnaea stagnalis* L. by the use of tagged atoms. Nauch. dokl. vys. shkoly; biol. nauki no. 2:170-172 '60. (MIRA 13:4)

1. Rekomendovana kafedroy zoologii Ural'skogo gosudarstvennogo universiteta im. A.M. Gor'kovo.  
(MOLLUSKS) (RADIOISOTOPES)

DUL'KIN, A.L.

Chemical characteristics of lake waters in the Southern Urals and  
the trans-Ural region and mollusks. Zool. zhur. 40 no.10:1461-  
1464 0 '61. (MIRA 14:9)

1. State University of Ural, Sverdlovsk.  
(Ural Mountain region--Lakes) (Mollusks)

DUL'KIN, I., insh.

Electric chambers. Stroitel' no.12:12 D '58. (MIRA 12:1)  
(Drying apparatus) (Electric heating)

EUL'KIN, I., insh.

Defect detectors. Stroitel' no. 5120 My '59. (MIRA 12:8)  
(Optical instruments)

DUL'KIN, I.A., inshener; MOROZOV, K.D., inshener.

Restoration of copper wire and metal economy in the Moscow trolley  
bus repair plant. Gor.khos.Mosk.28 no.2:39-40 P '54. (MLRA 7:5)  
(Electric wire) (Trolley buses--Repairing)



IVIN, K.V.; MOLODYKH, I.A.; YERMAKOV, N.D. [deceased]; MARKOVNIKOV, V.L., doktor tekhn. nauk; VATSURO, M.A. [deceased]; KRUGLOVA, L.P.; STRAKHOV, K.I.; DUL'KIN, I.A.; FAYN, A.G.; RUBINSKIY, N.V.; SPISKOV, V.S.; PERKIS, D.I., kand. tekhn. nauk; LUCHAY, G.A., retsenzent; TROFIMOV, A.N., otv. red. toma; VOLOCHNEV, V.N., red.; SHPOLYANSKIY, M.N., red.; OTOCHEVA, M.A., red.isd-va; LELYUKHIN, A.A., tekhn. red.

[Technical handbook on electric city transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkoll.: V.N.Volochnev, A.N.Trofimov, M.N.Shpolyanski. Moskva, Izd-vo M-va Kommun.khoz.RSFSR. Vol.3. [Trolley buses] Trolleibus. 1963. 722 p. (Trolley buses) (MIRA 16:10)

DOL'KIN, I.M.; SHCHITOV, G.K.; KLOCHANOV, P.N., inzh., nauchnyy red.;  
EVORYKINA, L.N., red.isd-va; KASIMOV, D.Ya., tekhn.red.

[Repairing and finishing facades of buildings in winter]  
Remont i otdelka fasadov zdaniy v zimnikh usloviyakh. Moskva,  
Gos.isd-vo lit-ry po stroit., arkhitekt. i stroit.materialam,  
1961. 68 p. (MIRA 15:2)  
(Buildings—Repair and reconstruction)

E 47304-66 ENT(1)/EMP(n) 77

ACC NR: AP6030330

SOURCE CODE: UR/0170/66/011/002/0148/0153

AUTHOR: Royzen, L. I.; Dul'kin, I. N.; Rakushina, N. I.

ORG: Electrotechnical Institute im. V. I. Lenin, Moscow (Elektrotekhnicheskiy institut)

TITLE: Heat exchange in a streamline flow of straight traverse fins

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 11, no. 2, 1966, 148-153

TOPIC TAGS: heat exchange, traverse fin, Reynolds number, streamline flow

ABSTRACT: An experimental investigation of heat exchange has been carried out on a large-scale model of a channel with transverse fins in a gas flow. Distributions of local heat-exchange coefficients over the top of the fin are obtained as a function of geometric characteristics and the Reynolds number. The data obtained are used for calculating the correction factors to the efficiency in consideration of the nonuniformity of distribution of  $\alpha$  over the height of the fin. An equation is presented for the mean heat exchange. The experimental data are compared with the

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UDC: 536.25+536.246

L 47304-66

ACC NR: AP6030330

values available. Orig. art. has: 3 figures and 15 formulas. [Based on authors' abstract] [NT]

SUB CODE: 20/ SUBM DATE: 17Feb66/ ORIG REF: 003/ OTH REF: 004/

Card 2/2 afa

*Dul'kin, L.*

DUL'KIN, L., (Kirovskaya oblast')

Crosstie sawers of Neya. Mast. less. no. 4: 9-11 Ap '57. (MIRA 10:10)  
(Neya--Sawmills)

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DUL'KIN, M.

29710

Pionery otzhechystvyennogo maslodyeliya. (O priorityetie Russkikh uchyenykh i  
Proizvodstvyemnikov). Moloch. From-st', 1949, No. 9, S. 26-31

So: Leto: is' No. 40



DUL'KIN, M., inzhener; SHORIN, V., inzhener

New type of portable metallic props. Mast. ugl. 4 no. 7:23-24 J1'55.  
(Mine timbering) (MLRA 8:10)

DOL'KIN, M.E., insh.

Completed 565 meters of drift in one month. Ugol' Ukr. 4  
no.2:32-33 F '60. (MIRA 13:6)  
(Donets Basin—Coal mines and mining--Labor productivity)

BRUSILOVSKIY, D.A.; BULGAKOV, L.N.; GENIS, B.M.; KVARTIN, L.M.;  
KRASOVSKIY, Ye.S.; MIKHAYLOV, D.I.; NATOCHANNYY, A.S.; NIKOL'SKIY,  
V.N.; POPOV, M.P.; SIGODZINSKIY, A.A.; SKOMOROSHKIN, A.F.;  
CHASOVNIKOV, G.V.; DERBISHER, A.V., kand. ekon. nauk, red.;  
DULKIN, N.A., spets. red.; BONDAROVSKAYA, G.V., red.; TORSHINA,  
Ye.A., tekhn. red.

[Overall automation and modernization of equipment and production  
processes at the First State Bearing Plant] Kompleksnaya avtoma-  
tizatsiya i modernizatsiya oborudovaniya i protsessov proizvodstva  
na Pervom gosudarstvennom podshipnikovom zavode. Moskva, TSentr.  
biuro tekhn. informatsii, 1959. 84 p. (MIRA 15:1)

1. Russia (1917- R.S.F.S.R.) Moskovskiy gorodskoy ekonomicheskiy  
administrativnyy rayon. Sovet narodnogo khozyaystva.  
(Moscow-Bearing industry) (Automation)

AKSENOVA, R.P.; DUL'KIN, S.G.

[New developments in the production of marmalade candy at the "Udarnitsa" Factory] Novoe v proizvodstve marmelada na fabrike "Udarnitsa." Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1964. 21 p.  
(MIRA 17:12)

KANTOR, Aleksandr Vasil'yevich. Priniral uchastiye DUL'KIN, S.Ya.,  
inzh.; ZNAMENSKAYA, A.M., doktor tekhn. nauk, retsenzent;  
GROSMAN, B.P., inzh., retsenzent; BRONTMAN, D.K., kand.  
tekhn. nauk, red.; BURAKOVA, O.N., red.; ORESHKINA, V.I.,  
tekhn. red.

[Equipment and methods for measurements in testing rockets]  
Apparatura i metody izmerenii pri ispytaniyakh raket. Mo-  
skva, Oborongiz, 1963. 519 p. (MIRA 17:2)

DUL'KIN, V.Ya.; ULESOV, A.A.; ZYMOITSOVA, K.V., nauchnyy redaktor;  
KRYUGER, Yu.V., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiy  
redaktor

[Submerged-melt welding of concrete reinforcements] Vannaia svarka  
armaturny shelesobetona, Moskva, Gos. izd-vo lit-ry po stroit. i  
arkhitekture, 1956. 50 p. (MLRA 9:9)  
(Welding) (Reinforced concrete)

DUL'KIN V. Ya.

AID P - 4513

Subject : USSR/Engineering

Card 1/2 Pub. 11 - 11/12

Author : Dul'kin, V. Ya.

Title : Static Strength of the Resistance-butt-welded Junctions of Reinforcing Steel Rods.

Periodical : Avtom. svar., 2, 83-88, Mr/Ap 1956

Abstract : Results of more than 6,000 tests of welded rods made of St.5 steel were summarized and appropriate deductions made. The author notes that the TU 19-51 MES rules for welded joints issued by the Ministry of Electric Power Plants are insufficient. The weldings were done by the MSGA-300 and MSGA-500 welding machines (manufactured by the "Elektrik" plant in Leningrad). Three macrographic photos and 1 diagram.

AID P - 4513

Avtom. svar., 2, 83-88, Mr/Ap 1956

Card 2/2 Pub. 11 - 11/12

Institution : Laboratory of the Kuybyshev Hydroelectric Power Plant  
Construction Project.

Submitted : 0 5, 1955



DUL'KIN, V.Ya., inzhener.

Submerged arc process of welding reinforcements. *Biul.stroi.*  
tekh. 13 no.2:16-17 P '56. (MLRA 9:5)  
(Reinforced concrete--Welding)

DUL'KIN, V.Ya., inzhener.

Propose method of welding reinforcements during erection.  
Mekh. stroi. 13 no.8:16-20 Ag '56.

(MLRA 9:10)

(Reinforced concrete) (Welding)

DUL'KIN, V. Ia., inzh.

Methods for quality control of welded reinforcement joints in  
reinforced concrete. *Energ. stroi.* no. 4:23-28 '58.  
(MIRA 12:2)

1. *Kuybyshevgidrostroy.*  
(Reinforced concrete--Quality control) (Electric welding)

DOL'KIN, Vasilii Yakovlevich; ULESOV, Aleksey Aleksandrovich, dvazhdy  
Geroy Sotsialisticheskogo Truda; NIKHAYEV, M.I., red.;  
PETROPOUL'SKAYA, M.Ye., red.; ANTONOV, V.P., tekhn.red.

[Submerged welding of reinforcements; experience of the Kuybyshev  
Hydroelectric Power Plant Building Project] Vannaia sverka arma-  
tury; iz opyta ordena Lenina "Kuibyshevgidrostroia." Kuibyshev,  
Kuibyshevskoe knizhnoe izd-vo, 1959. 81 p. (MIRA 14:1)  
(Electric welding)

DUL'KIN, Vladimir Yakovlevich; HAZUMOVA, E.D. inzh., red.; SUBBOTINA, G.B.,  
red.; VELITSYN, B.L., tekhn. red.

[Problems of the strength of welded joints of concrete reinforcement]  
Voprosy prochnosti svarnykh stykov armatury zhelezobetona. Moskva,  
Orgenergostroi, 1959. 68 p. (MIRA 14:11)  
(Concrete reinforcement—Welding)

GOOLITSYN, V.A., inzh.; GURIN, M.M., inzh., DUL'KIN, V.Ya., inzh.,  
REZNIKOV, Ya.Z., inzh.

Determining the compressive strength of concrete. Bet. 1 shel.-  
bet. no.8:372-375 Ag '60. (MIRA 13:8)  
(Concrete--Testing)

S/097/61/000/001/003/004  
A053/A029

AUTHORS: Ulesov, A.A., Electric Welder at Kuybyshevgidrostroy, Twice Hero of Socialist Labor, Dul'kin, V.Ya., Senior Engineer of Department for Investigation and Control at Kuybyshevgidrostroy

TITLE: On the Usual Misrepresentation of Electric Arc Bath Welding

PERIODICAL: Beton in zhelezobeton, 1961, No. 1, pp. 25-27

TEXT: The authors are of the opinion that the most economical method of butt welding is the electric arc bath welding. In the case of horizontal butt welding rods of grade *Cm.5* (St.5) and *Cm.3* (St.3) steel electric bath welding is 9-11 times more economical than welding with superposed bars as regards metal consumption, and twice as economical in consumption of electrodes, power and labor. The same economy can be realized in the case of vertical butt welding and in welding steel of 25Г2С (25G2S) grade. Electric arc bath welding, being done by hand, requires to be improved by mechanization and automation and to be adapted to field welding. This development work is not being conducted. The latest regulations governing the technology of welding

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A053/A029

On the Usual Misrepresentation of Electric Arc Bath Welding

reinforcement became effective on January 1st, 1960, and contain only casual remarks as to the desirability of giving preference to bath welding and some inexact information. More erroneous information is contained in the article by A.Ye. Brodskiy and A.M. Fridman, which appeared in the No. 6, 1960, issue of Beton in zhelezobeton, stating that bath welding is not suitable for butt welding of rods made from 30XГ2С (30KhG2S) steel, and therefore recommending the use of round superposed bars. The same indication is given in an official directive approved by NIIZhB and TsNIISK, which prohibits electric arc bath welding, no doubt as a consequence of the findings of Brodskiy and Fridman, which are based on a few unsuccessful experiments. This conclusion is inadmissible in view of the importance of the question. It is to be rejected because the experiments were performed with electrodes which by no means correspond to the characteristics of steel 30KhG2S: the tensile strength of steel is 90 kg/mm<sup>2</sup> and that of the built-up metal only 55 kg/mm<sup>2</sup>. In spite of this difference in strength and of the fact that the welding was not done in compliance with recommendations, the result was better than it was to be expected under the circumstances, which shows that the fault lies

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A053/A029

On the Usual Misrepresentation of Electric Arc Bath Welding

not with the bath welding method. The authors contend that by selecting the right kind of electrodes and complying with the recommendations which provide for a steel grip backing when welding, perfectly satisfactory joints of equal strength can be obtained with electric arc bath welding of rods made from steel 30KhG2S. The authors criticize the method proposed by Brodkin and Fridman, providing for the use of bars placed over the welding joint, which have the same diameter as the rods and a length of 10 times the diameter of the rods; they find that the extra cost of material involves unjustifiable waste. The authors conclude that electric arc bath welding with a steel strip backing, - a method which has proved its full worth over a long period of time, - has not received due attention and recognition in official directives and technical literature. On the other hand there are numerous misrepresentations and disregard of the merits of the bath welding method. In order to apply this economical and progressive method of welding reinforcement rods made from 30KhG2S steel it is necessary that development work and tests are conducted to perfect the technology of bath welding. It is also necessary to

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On the Usual Misrepresentation of Electric Arc Bath Welding

organize the issue of electrodes of the type УОНН13/90 (УОНИ 13/90). The application of bars should be prohibited for horizontal as well as vertical weldings of rods of 30KhG2S grade.

Card 4/4

ULESOV, A.A., elektrosvarshchik, dvazhdy Geroy Sotsialisticheskogo Truda;  
DUL'KIN, V.Y.; BRODSKIY, A.Ya., kand.tekhn.nauk, starshiy nauchnyy  
sotrudnik; ZADMAN, A.M., mladshiy nauchnyy sotrudnik; MASONOV, V.M.;  
KARTASHOV, K.M.

Welding the 30XG2S reinforcing steel. Bot. i zhel.-bot. no.1:25-  
31 Ja '61. (MIA 14:2)

1.Kuybyshevgidrostroy (Ulesov). 2. Starshiy inzh.otdela issledovaniya  
i kontrolya Kuybyshevgidrostroya (for Dul'kin). 3. Direktor Tsentral'-  
nogo nauchno-issledovatel'skogo instituta stroitel'nykh konstruktsiy  
(for Masonov). 4. Direktor Nauchno-issledovatel'skogo instituta betona  
i zhelezobetona (for Kartashov).  
(-reinforcing bars--Welding)

DUL'KIN, Vladimir Yakovlevich; ULESOV, Aleksey Aleksandrovich;  
~~MAR'YANSKIY, L.P., inzh., red.; LEVCHIK, L.P., red.;~~  
VELITSYN, B.L., tekhn. red.

[Submerged arc welding of reinforcements] Vannaia elektro-  
dugovaia svarka armatury. Moskva, Orgenergostroi, 1962.  
53 p. (MIRA 16:9)

(Electric welding)

DOL'KIN, V.Ya., kand.tekhn.nauk

Single-electrode submerged arc welding. Prom. stroi. 40  
no.8:50-51 Ag '63. (MIRA 16:8)

1. Stroitel'noye upravleniye Kuybyshevskoy gidroelektrostantsii.  
(Electric welding)

*DUL'KIN, V. YA.*

*Hydroelectric power  
1962 bk.*

ALEXSEYEV, G.P.; ANDON'YEV, V.S.; ARNGOL'D, A.V.; BASKIN, S.M.;  
BASHMAKOV, N.A.; BEKEZIN, V.D.; BERMAN, V.A.; RIYANOV, T.F.;  
GORBACHEV, V.M.; GRECHKO, I.A.; GRINBUKH, G.S.; GROMOV, M.F.;  
GUSEV, A.I.; DEMENT'YEV, N.S.; DMITRIYEV, V.P.; DUL'KIN, V.Ya.;  
ZVANSKIY, M.I.; ZENKEVICH, D.K.; IVANOV, B.V.; INYAKIN, A.Ya.;  
ISAYENKO, P.I.; KIPRIYANOV, I.A.; KITASHOV, I.S.; KOZHEVNIKOV,  
N.N.; KORMYAGIN, B.V.; KROKHIN, S.A.; KUDOYAROV, L.I.;  
KUDRYAVTSEV, G.M.; LARIN, S.G.; LEHEDEV, V.P.; LEVCHENKOV,  
P.N.; LEMZIKOV, A.K.; LIPGART, B.K.; LOPAREV, A.T.; MALYGIN,  
G.F.; MILOVIDOVA, S.A.; MIRONOV, P.I.; MIKHAYLOV, B.V., kand.  
tekhn. nauk; MUSTAFIN, Kh.Sh., kand. tekhn. nauk; NAZIMOV, A.D.;  
NEFEDOV, D.Ye.; NIKIFOROV, I.V.; NIKULIN, I.A.; OKOROCHKOV, V.P.;  
PAVLENKO, I.M.; PODROBINNIK, G.M.; POLYAKOV, G.Ya.; PUTILIN, V.S.;  
RUDNIK, A.G.; RUMYANTSEV, Yu.S.; SAZONOV, M.N.; SAZONOV, N.F.;  
SAULIDI, I.P.; SDOBNIKOV, D.V.; SEMENOV, N.A.; SKRIPCHINSKIY, I.I.;  
SOKOLOV, N.F.; STEPANOV, P.P.; TARAKANOV, V.S.; TREGUBOV, A.I.;  
TRIGER, N.L.; TROITSKIY, A.D.; FOKIN, F.F.; TSAREV, B.F.; TSITSULIN,  
N.A.; CHUBOV, V.Ye., kand. tekhn. nauk; ENGEL', F.F.; YUROVSKIY,  
Ya.G.; YAKUBOVSKIY, B.Ya., prof.; YASTREBOV, M.P.; KAMZIN, I.V., prof.,  
glav. red.; MALYSHEV, N.A., sam. glav. red.; MEL'NIKOV, A.M., sam.  
glav. red.; RAZIN, N.V., sam. glav. red. i red. toma; VARPAKHOVICH,  
A.F., red.; PETROV, G.D., red.; SARKISOV, M.A., prof., red.;  
SARUKHANOV, G.L., red.; SEVAST'YANOV, V.I., red.; SMIRNOV, K.I.,  
red.; GOTMAN, T.P., red.; BUL'DYAYEV, N.A., tekhn. red.

(Continued on next card)

ALEKSEYEV, G.P.---(continued). Card 2.

[Volga Hydroelectric Power Station; a technical report on the design and construction of the Volga Hydroelectric Power Station (Lenin), 1950-1958] Volshkaia gidroelektrostantsiia; tekhnicheskii otchet o proektirovanii i stroitel'stve Volshkoi GES imeni V.I.Lenina, 1950-1958 gg. V dvukh tomakh. Moskva, Gosenergoizdat. Vol.2.[Organization and execution of construction and assembly work] Organizatsiia i proizvodstvo stroitel'no-montaznykh rabot. Red. toma: N.V.Razin, A.V.Arngol'd, N.L.Triger. 1962. 591 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin).

(Volga Hydroelectric Power Station (Lenin)--Design and construction)

SAZHIN, N.P.; DUL'KINA, P.A.

[Producing metallic bismuth of high purity] Poluchenie metallichesko-  
go visnuta vysokoi chistoty; doklady, predstavlennye SSSR na Mezhu-  
narodnoi konferentsii po mirnomu ispol'zovaniu atomnoi energii.  
Moskva, 1955. 11 p. (MLRA 9:7)  
(Bismuth)



**DULKINA, R. A.**  
**CA**

The production of Bi from washed W ores. N. P. Rubbin and R. A. Dulkina. *Trudy Metal.* 16, No. 1, 26-34 (1941); Chem. Zvez. 1942, U. 2190-7. — The washed W ore contained Bi 0.2, Cu 0.01, Fe 0.1, Pb 0.1, As 0.1, Mo 0.05, W 0.1, Co 0.05, Ag 0.05, and Bi 0.1 with traces of Sn and Au and 420 g. Ag per ton. The ore is digested for 3 hrs. at 80° to 90° with a 1:1.5 soln. of 30% HCl, washed and filtered. The filtrate contains 90.5 to 99.5 of the Bi and contains Bi 0.04, Fe 0.12, Zn 0.57, Cu 0.04 and Co 0.2 parts. It is treated with Fe filings and 30% HCl to produce a concentrate contg. 98 to 99% Bi. The concentrate is treated with CuO and C to produce Bi 0.04 to 0.12, Fe 0.12 to 0.15, Cu 0.13 to 0.15, Zn 0.57 to 0.6, and Co 0.2. The concentrate is dissolved in concd. HNO<sub>3</sub> at 60° to 70° and the soln. is treated with Na<sub>2</sub>CO<sub>3</sub> and C to produce metal contg. Bi 0.04, Fe 0.12 to 0.15, Cu 0.13 to 0.15, Zn 0.57 to 0.6, and Co 0.2. The metal is recovered by the standard method. W. A. Mudge

ASB 11.9 METALLURGICAL LITERATURE CLASSIFICATION

DATE	BY	REMARKS	DATE	BY	REMARKS
11 MAY 1951	W. A. Mudge	ASB 11.9	11 MAY 1951	W. A. Mudge	ASB 11.9

DUL'KINA, R. M.

PA 252724

USSR/Medicine - Dysentery

Apr 53

"The Significance of the Reaction of Hiss-Flexner  
Dysentery Microbes With Hapten for the Clinical  
and Epidemiological Practice of Intestinal In-  
fections Cabinets," Ye.D. D'yakova, R.M. Dul'kina,  
Moscow City Inst of Epidemiol and Bacteriol

Zhur Mikro, Epid, 1 Immun, No 4, pp 51-54

The specificity of the pos hapten reaction for Hiss-  
Flexner dysentery was confirmed in 95.8% of cases  
by anamnestic, rectomanoscopic, and epidemiologi-  
cal data. A pos hapten reaction is of particular

252724

importance when there are no apparent symptoms of  
the disease or examination by other means is dif-  
ficult, e.g., early and late stages of the disease,  
chronic dysentery, and dysentery of children.  
Patients who show a pos hapten reaction may spread  
the infection. This reaction should be widely ap-  
plied.

252724

DUL'KO, Ya.I., inzh.

Increase in the evaporative capacity of TsKTI 75-39F boilers.  
Energetik 10 no.6:10-12 Je '62. (MIRA 16:3)  
(Boilers)

TRAUMFELDER, Zdzislaw; DULKO-KALASKA, Gertruda; PRDICH, Wojciech

Effect of Waterhouse-Friderichsen syndrome on the ECG picture  
and on pregnancy. Polski tygod. lek. 14 no.29:1354-1356 20 July  
59.

1. (Zm Szpitala Wojewodzkiego w Opolu: dyrektor: dr B. Glazer)  
(WATERHOUSE-FRIDERICHSEN SYNDROME, in pregn.)  
(PREGNANCY, compl.) (ELECTROCARDIOGRAPHY)

DULL, T. AND OTHERS.

Construction in the Five-Year Plan; problem No. 1: organization. p. 3

CONSTRUCTORUL, Bucuresti, Vol 8, No. 326, Apr. 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

DULL, T.

DULL T. Possibilities for the improvement of industrial organization in construction works. p. 3.

Vol. 9, no. 366, Jan 1957.

CONSTRUCTOENUL

TECHNOLOGY

ROMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

DULLER, Gy

DULLER, Gy - Practical methods for reducing wasted energy.  
p. 301, Vol. 9, no. 8, Aug. 1956.  
Magyar Energiagazdasag, Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

DULLIEN, F.  
*Electromagnetic Phenomena  
And Spectra*

Preparation of Raman spectra. Ferenc Dullien (Tech. Univ., Budapest). *Magnet. Res. Phys.* 39, 244-50 (1983).—A Raman app. of high luminosity was constructed. The Raman tube is surrounded by 4 Hg-vapor lamps arranged symmetrically in the focus of 4 elliptical mirrors. Expts. with small amts. of substances (1-2 ml.) in tubes of small diam. proved that at a constant tube length the same blackening of Raman lines can be attained on the plate without applying longer exposures, as in thick tubes. This is probably due to total reflexion. Practical directions for the operation of the app. are given. István Földi

②

Phys

*[Signature]*



DULLIEN, F.

Data on the theory of volume radiation with special consideration of microtechnic.  
In German.

P. 181, (Acta Physica) Vol. 7, no. 2, 1957, Budapest, Hungary

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

HUNGARY/Optics - Spectroscopy

K.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 16651

Author : Schay, G., Varsanyi, Gr., Dallien, F.

Inst : Hungarian Academy of Sciences, Institute of Physical Chemistry, Budapest, Hungary

Title : Investigation of the Raman Spectra of -Furyl and - Benzofuryl Ketoximes

Orig Pub : Acta chim. Acad. scient. hung., 1958, 15, No 3, 273-284

Abstract : To determine the configurations of the stereo-isomers, an experimental investigation was made of the Raman scattering spectra of pairs of isomers of the ketoxime series. The excitation was carried out by the lines Hg $\lambda$  4358 A and Hg $\lambda$  5461 A. A table is given for the determined values of frequencies, and the classification of the lines is considered. It is assumed that the

Card 1/2

OR

DULLIEN, Tibor

12

Mechanical and chemical conditions for good clearance for  
characteristic cases. Tibor Dullen. *Aluminum* (Budapest)  
2, 163-7(1980).—*Abstracts* prepared for the modification  
of can-chasing devices and machines when using Al cans in  
place of tin.  
István Földi

DUL'MAN, E.M.; GONOPOL'SKIY, S.N.

Boring bar for boring holes. Mashinostroitel' no.1:28 Ja '65.  
(MIRA 18:3)



NAME AND SURNAME		PROCESSING AND PROPERTY NO.		DATE AND TIME	
TULMAN, T.M.					
<p>Ca</p> <p>11c</p> <p>Nitrogen requirements of lactic acid bacteria. T. M. Tulman. Microbiology (U. S. S. R.) 8, 768-769 (1958); English, 755 (1958); cf. C. A. 53, 8079P. Cultures of strains of <i>B. deltarum</i> assimilated dialysable products of protein decomposition. The amino N of the medium is assimilated for the most part and the protein N not at all. If the nonprotein N content is above 0.03-0.04%, the bacteria ferment 10% of sugar in 4-5 days. This is the case when the medium contains 3% of malt seedlings. Fermentation-retarding substances are formed in this medium on autoclaving at 0.5 atm. for 30 min. These substances are adsorbed by charcoal and seem to be toxin-like in nature.</p> <p>T. Langer</p>					
<p>AND-5.1.1 METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>10000 100000</p>		<p>100000 100000</p>		<p>100000 100000</p>	

DULKOVA, L. S.

USSR/Nuclear Physics - Elementary Particles

C-3

Abstr Journal : Referat Zhur - Fizika, No 12, 1956, 33920

Author : Dul'kova, L. S., Romanova, T. A., Sokolova, I. B., Sukhov, L. V.,  
Tolstov, K. D., Shafranov, M. G.

Institution : None

Title : Interaction of 300-Mev  $\pi^-$ -Mesons with Protons, Deuterons, and  
Nuclei of a Photographic Emulsion

Original

Periodical : Dokl. AN SSSR, 1956, 107, No 1, 43-46

Abstract : AIKFI plates of the "p" type, enriched with H or loaded with  
D by impregnating in a 30% water solution of lithium acetate,  
were radiated in the phasotron of the Institute for Nuclear  
Problems, Academy of Sciences USSR by  $\pi^-$ -mesons of  $225 \pm 8$  Mev.  
The H content reached  $6 \cdot 10^{22}$ , and the D content reached  
 $3 \cdot 10^{22}$  per  $\text{cm}^3$ . The presence of Li made it possible to  
control the evenness of the loading. The increased value of

Card 1/2

USSR/Nuclear Physics - Elementary Particles

C-3

Abst Journal : Referat Zhur - Fizika, No 12, 1966, 33920

pH of the lithium acetate contributed to a reduction in regression. The radiation was carried out up to a density of  $10^4$  to  $10^5$  tracks per  $\text{cm}^2$ . The examination was made by areas and along the track. The average free path for all the processes, including scattering by an angle greater than  $20^\circ$  was  $88 \pm 5\%$  of the geometric. The principal contributions are made by processes of inelastic scattering and absorption with star formation.

The area inspection method was used to trace 1,240 stars. A distribution was made by the number of rays. Fifty cases of scattering by H and 11 cases of scattering by D were found; the elastic-scattering sections were respectively  $\sigma_H = 14 \pm 3.6$  millibarn and  $\sigma_D = 15 \pm 5.5$  millibarns. The scattering by D is strongly anisotropic. A histogram is given for the differential scattering of  $\pi^-$ -mesons by H in a center of gravity system. A discrepancy is noticed from the theoretical curve for small scattering angles.

Card 2/2



DULKOVA, L.S.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1865  
 AUTHOR DULKOVA, L.S., SOKOLOVA, I.B., SAFRANOVA, M.G.  
 TITLE The Scattering of Positive and Negative Pions with an Energy of  
 300 MeV by Hydrogen.  
 PERIODICAL Dokl. Akad. Nauk, 111, fasc. 5, 992-995 (1956)  
 Issued: 1 / 1957

The present work investigates this scattering by the method of thick-layer photoplates. The plates which were saturated with lithium acetate were irradiated on the synchrocyclotron of the Institute for Nuclear Problems of the Academy of Science in the USSR. The mean energy of positive and negative pions determined in the plates amounted to  $(295 \pm 10)$  MeV and  $(300 \pm 15)$  MeV respectively. At present 105 cases of elastic scattering of negative mesons and 149 cases of positive mesons were found within range of the angles of from 10 to  $170^\circ$ . The corrections which were necessary for the estimation of the integral cross section of elastic scattering are mentioned. In consideration of these corrections the following integral cross sections are obtained:  
 $\sigma(\pi^- + p \rightarrow \pi^- + p) = (11 \pm 2)$  (millibarn,  $\sigma(\pi^+ + p \rightarrow \pi^+ + p) = (63 \pm 10)$  millibarn. The angular distributions of these processes were analysed on the condition that scattering in the state with the isotopic spin  $3/2$  and  $1/2$  takes place with the participation of only S- and P-waves. Therefore, the function of angular distribution may be represented in the following form:  
 $f(\theta) = a + b \cos \theta + c \cos^2 \theta$ . By the method of the smallest squares the following values were obtained for the coefficients a, b and c for the scattering of

21 (0)

AUTHORS:

Dul'kova, L. S., Sokolova, I. B.,  
Shafranova, M. G.

SOV/56-35-2-1/60

TITLE:

The Elastic Scattering of  $\pi$ -Mesons With Energies of 300 MeV on Deuterons (Uprugoye rasseyaniye  $\pi$ -mezonov s energiyey 300 MeV na deytrone)

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol 35, Nr 2, pp 313-315 (USSR)

ABSTRACT:

In the present paper investigations of the elastic scattering of  $\pi^+$ - and  $\pi^-$ -mesons on deuterium carried out by means of photographic plates are described. Very little information concerning these scattering experiments has hitherto been published; all there is are the papers mentioned in references 1 and 2 (meson energies of 85 and 145 MeV). The authoresses operated with the following energies:

$\pi^+$ :  $(300 \pm 15)$  MeV  $\pi^-$ :  $(295 \pm 10)$  MeV. The investigations were carried out with nuclear emulsion plates NIKFI, type "P". The deuterons were brought onto the plate in form of  $\text{CH}_3\text{COOLi} \cdot 2\text{H}_2\text{O}$ , where 97% of the H-atoms were replaced by D.

Card 1/3

The Elastic Scattering of  $\pi$ -Mesons With Energies  
of 300 MeV on Deuterons

SOV/56-35-2-1/60

Density:  $2,2 \cdot 10^{22}$  D-nuclei/cm<sup>3</sup>.

Results obtained by analysis:

286 cases of  $\pi^+$  - p scattering

104 " "  $\pi^+$  - d "

203 " "  $\pi^-$  - p "

103 " "  $\pi^-$  - d "

Integral scattering cross section in the interval of

15 - 170°:

$\sigma(\pi^+ + d \rightarrow \pi^+ + d) = (21 \pm 6)\text{mb}$ ;  $\sigma(\pi^- + d \rightarrow \pi^- + d) =$   
 $= (14 \pm 4)\text{mb}$

In 12 cases an absorption of  $\pi^+$ -mesons took place in the  
deuterium;

cross section:

$\sigma(\pi^+ + d \rightarrow p + p) = (2,4 \pm 0,9)\text{mb}$

In conclusion, Professor I. M. Frank and I. Ya. Barit are  
thanked for their assistance, and G. M. Bagradov for  
discussing the problem. There are 2 figures and 8 references,  
3 of which are Soviet.

Card 2/3

The Elastic Scattering of  $\pi$ -Mesons With Energies  
of 300 MeV on Deuterons

80V/56-35-2-1/60

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR  
(Physics Institute imeni P. N. Lebedev, AS USSR)

SUBMITTED: February 8, 1958

Card 3/3

84402

S/056/60/039/004/020/048  
B006/B063

24.6600  
AUTHOR:

Dul'kova, L. S.

TITLE:

Polarization of Deuterons Elastically Scattered by Helium

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960,  
Vol. 39, No. 4(10), pp. 1008-1010

TEXT: In the present paper, the author publishes the results of a numerical computation of the polarization tensor components of deuterons elastically scattered by helium. Helium was used as analyzer because high polarization values could be expected for the resonance region of deuterons (1.07 Mev) corresponding to the single-particle level of  $L1^6$  with  $J=3^+$  and  $T=0$ , and because of interference between resonance, potential, and Coulomb scatterings. The experiments and the phase-shift analysis in Ref. 3 form the basis of calculation of the polarization values. If the coordinate system is properly chosen, the polarization of the deuteron beam can be expressed by four mean values of the components of first- and second-rank tensors, which are the components of the spin operators  $S$ .  $\checkmark$   
These are given by (1), where all quantities are functions of

84402

Polarization of Deuterons Elastically  
Scattered by Helium

S/056/60/039/004/020/048  
B006/B063

the deuteron energy and the scattering angle.  $\langle T_{11} \rangle = -(1\sqrt{3}/2) \langle S_y \rangle$ ,  
 $\langle T_{20} \rangle = \sqrt{1/2} \langle 3S_x^2 - 2 \rangle$ ,  $\langle T_{21} \rangle = -(\sqrt{3}/2) \langle iS_y S_x + iS_x S_y \rangle$ ,  $\langle T_{22} \rangle$  (1)  
 $= -(\sqrt{3}/2) \langle S_y^2 \rangle$ . The author determined these quantities for the

deuteron energies from 1 to 3 Mev and for scattering angles of  $40^\circ$ ,  $50^\circ$ ,  
 $60^\circ$ ,  $70^\circ$ , and  $90^\circ$  in the center-of-mass system, using the relation between  
tensor components and phase shifts given by O. D. Chervashvili and  
G. R. Khutsishvili (Refs. 8 and 9). With the help of published experimental  
data, the author carried out a phase-shift analysis using various formulas  
from Ref. 10. The characteristic energy of the compound nucleus ( $Li^6$ ) was

assumed to be 0.769 Mev, and the interaction radius to be  $3.5 \cdot 10^{-13}$  cm.  
Fig. 1 shows the energy dependence of the polarization vector  $i \langle T_{11} \rangle$

for angles of  $40^\circ$ ,  $50^\circ$ ,  $60^\circ$ , and  $70^\circ$ . At  $\theta = 90^\circ$ , the polarization co-  
efficient vanishes. In addition to the well-known maximum at  $E = 1.06$  Mev,  
the curves have another peak at  $E = 1.09 - 1.10$  Mev and  $\theta = 60 - 70^\circ$ .  
Fig. 2 shows the energy dependence of the components  $\langle T_{21} \rangle$ ,  $\langle T_{20} \rangle$ , and

$\langle T_{22} \rangle$  of the second-rank polarization tensor for the angles at which they

0-2-1 2/1

SALASHKO, Yu. G.; BARIT, I. Ya.; DUL'KOVA, L. S.; KUREPIN, A. B.

"Elastic Scattering of Protons on Tritium at Energies below the Threshold of the p,n Reaction and Excited States of He<sup>4</sup>."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22 Feb 64.

Inst of Physics im P.N. Lebedev, AS USSR

BALASHKO, Yu. G.; BARIT, I. Ya.; DULKOVA, L. S.; KUREPIN, A. B.

"Elastic p-T scattering below (p,n) threshold and the excited state in  $\text{He}^4$ ."

report submitted for Intl Conf on Low & Medium Energies Nuclear Physics,  
Paris, 2-8 Jul 64.

Lebedev Inst, Moscow.



BALASHKO, Yu.G.; BARIT, I.Ya.; DUL'KOVA, L.S.; KUREPIN, A.B.

Elastic scattering of protons on tritium at energies below  
the (p,n)-reaction threshold. Izv. AN SSSR. Ser. fiz. 28  
no.7:1124-1136 J1 '64 (MIRA 17:8)

1. Fizicheskiy institut im. P.N. Lebedeva AN SSSR.

ACCESSION NR: AP4037609

S/0056/64/046/005/1903/1906

AUTHORS: Balashko, Yu. G.; Barit, I. Ya.; Dul'kova, L. S.; Kurepin, A. B.

TITLE: Elastic scattering of protons by tritium at energies below the threshold of the (p, n) reaction

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1903-1906

TOPIC TAGS: proton scattering, tritium, angular distribution, proton neutron reaction, excited state, helium

ABSTRACT: The cross section for elastic scattering of protons by tritium was measured at energies from 300 to 990 keV. The maximum number of the noticeable different angles was 8 (40--150° in the c.m.s.). A detailed description of the experiment and of the data reduction will be published in Izvestiya AN SSSR, ser. fiz. A phase shift analysis of the results of the measurements of the pT scatter-

Card 1/4

ACCESSION NR: AP4037609

ing was carried out by the least-square method with the aid of an electronic computer, with account of only the s and p waves, and under the assumption that there is no spin-orbit interaction or a change in the spin of the channel. A phase shift analysis was also made with three and with two parameters. An increase in the number of parameters does not change essentially the average values of the phase shifts, and merely increases the limits of the errors. The resonance parameters obtained were used to calculate the cross section of the  $\text{He}^3$  (n, p) reaction for thermal neutrons and the deviation of the energy variation of the reaction from the  $1/v$  law at a neutron energy 30 keV. The corresponding values amount to 3100 b and 15%. The experimental value of the thermal cross section is 5400 b, and the deviation amounts to ~30%. An allowance of the contribution of the other channel can reconcile the absolute values of the thermal cross section, but it will increase the discrepancy observed in the energy dependence of the (n, p) reaction. The appearance of an excited  $\text{He}^4$  level is demonstrated by the results, and the failure

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ACCESSION NR: AP4037609

to observe it in other investigations may have been due to experimental inaccuracy. The resonance parameters determined from the different interactions are in poor agreement with one another. Consequently the question of the values of the resonance parameters and the nature of the level cannot be regarded as completely explained. The authors are grateful to I. M. Frank and F. L. Shapiro for suggesting the topic, interest in the work, and a discussion of the results. Orig. art. has: 4 figures.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva Akademii nauk SSSR (Physics Institute, Academy of Sciences SSSR)

SUBMITTED: 17Aug63

DATE ACQ: 09Jun64

ENCL: 01

SUB CODE: NP

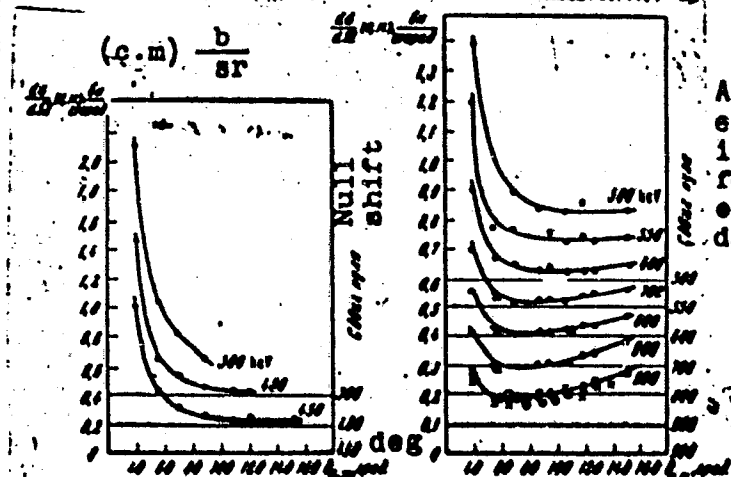
NR REF SOV: 004

OTHER: 009

Card 3/4

ACCESSION NR: AP4037609

ENCLOSURE: 01



Angular distribution of elastic pT scattering, in the c.m.s., for different proton energies. ● - present data; other data by others.

Card 4/4

DUL'MAN, T.M.

KOP'YEV, A.A.; DUL'MAN, T.M.

Flax

New method of biological retting of flax by application of ferments of denitrifying bacteria. Tekst. prom., 12, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED

DUL'MAN, T.M.; KOP'YEV, A.A.

Relations between pectinolytic and denitrifying bacteria. Mikrobiologiya  
21, 677-83 '52. (MIRA 5:12)  
(CA 47 no.14:7035 '53)

1. Central Cotton Research Inst., Moscow.

DUL'MANAS, M.M.

Production of precast reinforced concrete elements in the  
Lithuanian S.S.R. Bet. 1 shel.-bet. 8 no.8:346-348 Ag '62.  
(MIRA 15:9)

1. Zamestitel' ministra stroitel'stva Litovskoy SSR.  
(Lithuania—Precast concrete)



*DUL'NEV, F.S.*

BARDIN, I.P.; BORISOV, A.F.; BELAN, R.V.; YERMOLAYEV, G.I.; VAYSBERG, L.B.;  
ZHEREBIN, B.N.; BORODULIN, A.I.; SHAROV, G.V.; DOMNITSKIY, I.F.; CHUSOV, F.P.  
SOROKO, L.N.; KLIMASENKO, L.S.; PAVLOVSKIY, S.I.; ZIL'BERSHTAYN, M.B.;  
LYULENKO, I.S.; NIKULINSKIY, I.D.; BRAGINSKIY, I.A.; SALOV, Ye.M.;  
TROSHIN, N.P.; PETRIMYEV, V.I.; ARGUNOV, M.I.; DUL'NEV, F.S.; BIDULYA, L.N.  
GAYMANOV, S.A.; FROLOV, N.P.; VINICHENKO, V.S.; KOGAN, Ye.A.

G.E. Kazarnovskii; obituary. Stal' 15 no.8:757 Ag'55. (MLRA 8:11)  
(Kazarnovskii, Grigori Minovich, 1887-1955)

DULOV, G.A.

The LPAL automatic line for machining body-of-revolution-type  
parts. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i  
tekh.inform. no.8:26-27 Ag '65.

(MIRA 18:12)

DULNEV, G.M., (Dr.)

"The influence of labour activity on the mental development of  
mentally retarded children."

Report to be submitted for the International Copenhagen Congress  
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Dul'nev, G. M.

YAKUSHEV, Yakov Afanas'yevich; YAKUSHEVA, Yekaterina Yakovlevna; ~~DUL'NEV~~  
G.M., otvetstvennyy red.; VOSKRESSENSKIY, G.M., red.; TARASOVA, V.V.,  
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[The organization of agricultural teaching in auxiliary schools;  
based on practical experience] Organizatsiia obucheniia sel'sko-  
khozisistvennogo trudu vo vspomogatel'noi shkole; iz opyta raboty.  
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(Agriculture--Study and teaching)